A. CLASSIF IPC 7	G11B7/09 G11B7/0037		
	A Design of the Control of the Contr	on and IPC	
According to B. FIELDS S	International Patent Classification (IPC) or to both national classification	on and it o	
Minimum doo IPC 7	cumentation searched (classification system followed by classification G11B	symbols)	
	ion searched other than minimum documentation to the extent that suc		
Electronic da	ala base consulted during the international search (name of data base	and, where practical, search terms used)	
EPO-Ini	ternal, PAJ		
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relev	ant passages	Relevant to claim No.
A	US 2002/131343 A1 (KADLEC RON J ET 19 September 2002 (2002-09-19) paragraphs '0047! - '0140!.	Γ AL)	1–12
A	EP 0 814 462 A (SONY CORPORATION) 29 December 1997 (1997-12-29) column 6, line 4 - column 8, line figures 1-5	39;	1–12
A	US 2001/026508 A1 (SASAKI TAKASHI 4 October 2001 (2001-10-04) paragraphs '0019! - '0035!	ET AL)	1-12
A	JP 10 172172 A (HITACHI LTD) 26 June 1998 (1998-06-26)	/	1-12
X Fur	ther documents are listed in the continuation of box C.	X Patent family members are listed	in annex.
"A" docum consi "E" earlier filling "L" docum which citatic "O" docum other	nent defining the general state of the art which is not idered to be of particular relevance or document but published on or after the international date the instruction of the stabilish the publication date of another on or other special reason (as specified) the internation or or means the stabilish of the international different publication or results as the stabilish of the international different at the international different at the stabilish of the stabi	"T" later document published after the Into or priority date and not in conflict with cited to understand the principle or the invention of particular relevance; the cannot be considered novel or cannot involve an inventive step when the decument of particular relevance; the cannot be considered to involve an indocument is combined with one or ments, such combination being obvious the art. "8" document member of the same patent.	n the application but the application but the considered to cournent is taken alone claimed invention inventive step when the lone other such docupous to a person skilled
1	e actual completion of the international search	Date of mailing of the international se	arch report
	13 April 2005	27/04/2005	
	I mailing address of the ISA	Authorized officer	
	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nt, Fax: (+31-70) 340-3016	Stemmer, M	

C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	& PATENT ABSTRACTS OF JAPAN vol. 1998, no. 11, 30 September 1998 (1998-09-30) & JP 10 172172 A (HITACHI LTD), 26 June 1998 (1998-06-26) abstract	
A	DE 199 31 835 A1 (DEUTSCHE THOMSON-BRANDT GMBH) 11 January 2001 (2001-01-11) column 3, line 19 - column 5, line 28	1-12
	_	

ational Application No. /- /IB2004/052606

Patent document sited in search report		Publication date		Patent family member(s)	Publication date
JS 2002131343	A1	19-09-2002	WO	02059888 A	
			WO	02059893 A	
			WO	02059887 A	
			US	2002136109 A	
			US	2002136106 A	
			US	2002131341 A	
	•		US	2002136110 A	
			US	2002136111 A	
			US	2002131339 A	
			US	2002131342 A	
			US	2002097644 A	
			US US	2002136107 A 2002136112 A	
			US	2002136112 A 2002145950 A	
			US	2002145950 A 2004090892 A	
			US	2004090892 A	-
			US	2002145953 A	
			US	2002136128 A	
			US	2002136129 A	
			US	2002130113 A	
			US	2002141302 A	
			US	2002136114 A	
			US	2002135114 A	
			US	2002114230 A	
			US	2002150004 A	
			US	2002141309 A	
			US	2002141311 A	
			ÜS	2002167876 A	
			ÜS	2002141297 A	
			US	2003043705 A	1 06-03-200
			US	2003165091 A	
			US	2002097643 A	
			US	2002131340 A	
			US	2002118614	
			US	2002141298	
			US	2002186624 <i>F</i>	
			US	2002141312	
			US	2002110056	
			US	2003031100 /	
			US	2002110057	
			US	2002136108	
			US	2002136115 /	
			US	2002131344	
			US	2002150006	
			US	2002097646	
			US	2003165099	
			US	2002136127	
			IJS	2002136130 / 2002141304 /	
			US 		
EP 0814462	Α	29-12-1997	JP	3595992	
			JP	9312024	
			CN	1173013	
			DE	69715526	
			DE	69715526	
			EP US	0814462 5841751	

Patent document cited in search report	-	Publication date	Patent family member(s)	Publication date
US 2001026508	A1	04-10-2001	JP 2001250246 A	14-09-2001
JP 10172172	Α	26-06-1998	NONE	
DE 19931835	A1	11-01-2001	NONE	